Mss. Complete, July 7/25

THE ARCHITECTURAL FORUM

AN ILLUSTRATED ARCHITECTURAL MONTHLY DEVOTED TO THE ART, SCIENCE, AND BUSINESS OF BUILDING

NEW YORK ROGERS AND MANSON COMPANY, Publishers BOSTON

INDEX TO VOLUME TWENTY-EIGHT **JANUARY TO JUNE INCLUSIVE, 1918**

Index to Plate Illustrations — According to Subject

Plates numbered 1–16, January; 17–32, February; 33–48, March; 49–64, May; 65–80, June

PUBLIC BUILDINGS

Title, Location, and Architect — Plate No.

BUSINESS AND COMMERCIAL

Consolidated Gas Company, New York, Warren & Wetmore — 33–37

Detroit News Building, Detroit, Mich., Albert Kahn, Ernest Wilby, Associate — 1–5

HOTELS

Statler, St. Louis, Mo., George B. Post & Sons and Mauran, Russell & Crowell — 17–25

PRISONS

Westchester County Penitentiary and Workhouse, White Plains, N. Y. Alfred Hopkins — 26–30

EDUCATIONAL BUILDINGS

COLLEGES AND UNIVERSITIES

Benjamin Ide Wheeler Hall, University of California, Berkeley, Cal., John Galen Howard — 38–40

Civil Engineering Building, Johns Hopkins University, Baltimore, Md., Joseph Evans Sperry — 41, 42

CLUB HOUSES

Bob-o-link Golf, Highland Park, Ill., Brown & Walcott — 65–67

Essex County, Manchester-by-the-Sea, Mass., Parker, Thomas & Rice — 68–71

Inwood Country, Inwood, L. I., N. Y., Morrell Smith — 78

Scioto Country, Columbus, Ohio, Richards, McCarty & Bulford — 77

Shaker Heights Country, Cleveland, Ohio, Frank B. Meade & James Hamilton — 74–76

CLUB HOUSES — Continued

Title, Location, and Architect — Plate No.

Somerset Hills Country, Bernardsville, N. J., Lord & Hewlett — 79, 80

West Side Tennis, Forest Hills, L. I., Grosvenor Atterbury and John A. Tompkins, Associate Architects — 72, 73

RESIDENCE BUILDINGS

COUNTRY AND SUBURBAN HOUSES

Clark, Edward, III, St. Martins, Philadelphia, Pa., Duhring, Okie & Ziegler — 58

Ervin, Spencer, St. Martins, Philadelphia, Pa., Robert Rodes McGoodwin — 55–57

Fallon, Mrs. W. H., Sparkhill, N. Y., Aymar Embury II — 11, 12

Group of Houses, St. Martins, Philadelphia, Pa., Robert Rodes McGoodwin — 61–64

Group of Houses at Lincoln Drive and Willow Grove Avenue, St. Martins, Philadelphia, Pa., Duhring, Okie & Ziegler — 49–52

Group of Houses on Navaho Street, St. Martins, Philadelphia, Pa., Edmund B. Gilchrist — 53, 54

Kaufman, Eugene M., Germantown, Pa., Simon & Bassett — 59, 60

Peters, Hon. Andrew J., Dover, Mass., Bigelow & Wadsworth — 43–48

Robinson, J. Randolph, Westbury, L. I., N. Y., John Russell Pope — 6–10

Trotter, William H., Esq., Chestnut Hill, Philadelphia, Pa., Brockie & Hastings — 13–16

INDUSTRIAL HOUSING

Cottages for the Bridgeport Housing Co., Lordship and Fairfield, Conn., R. Clipston Sturgis — 31, 32

Index to Articles

Pages numbered 1–30 in the January issue; 31–58, February; 59–90, March; 91–170, April; 171–196, May; 197–222, June

Page

*American Architecture, The Development of, Fiske Kimball

I. The Colonial Period — 1

II. The National Period, Classicism and Romanticism — 81

American Institute of Architects, Notes on the Fifty-first Convention of the — 194

Architect's Relationship to an Industrial Housing Development, The, Perry R. MacNeille — 108

*Architectural League Exhibition in New York, The — 67

*Connecticut Mills Company Housing Development, Danielson, Conn., William H. Cox, Architect — 147

*Country Club Houses, Some Recent — 211

*Detroit News Building, Albert Kahn and Ernest Wilby, Associate Architects — 27

Page

Editorial Comment — 29, 58, 90, 170, 195, 224

*Elmwood Park Housing Development, Bethlehem, Pa., George S. Welsh, Architect — 111

Federal Government Building, Notes Concerning — 219

From Washington — Notes on Architectural Activity — 26

*Goodyear Heights, Akron, O., The Housing Development of the Goodyear Tire & Rubber Company, George H. Schwan — 140

*Government Offices at Washington, The New Temporary, Waddy B. Wood, Architect — 45

*Hotel Statler, St. Louis, Mo., George B. Post & Sons and Mauran, Russell & Crowell, Associate Architects, W. Sydney Wagner — 31

Index to Articles — Continued

	Page
*Houses on Willow Grove Avenue, St. Martins, Philadelphia, Pa., A Group of, Robert Rodes McGoodwin, Architect; Charles Z. Klauder	187
*House Types in Industrial Communities of the Industrial Service and Equipment Company, George F. Marlowe, Consulting Architect	155
Housing Construction, Methods of Economy in, Charles A. Whittemore	124
*Housing the Low Paid Workman. The Initial Experiment in Government Aid under Direction of the Massachusetts Homestead Commission, William Roger Greeley	151
*Housing the Single Worker, Walter H. Kilham	161
*Housing Types for Workmen in America, Charles C. May	115
In What Manner and By What Means Can the Practice of Architecture be Developed in Order to Win a Larger Recognition?	59
Part 1. Replies by Messrs. Irving K. Pond, R. Clipston Sturgis, H. Van Buren Magonigle, Albert Kelsey, Walter H. Kilham, Thomas C. Young, and W. K. Fellows.	
Part 2. Replies by Messrs. William H. Schuchardt, Frederick W. Garber, Robert C. Spencer, Jr., Charles D. Maginnis, E. J. Russell, Thomas E. Tallmadge, Arthur Wallace Rice, George C. Nimmons, William L. Mowll, Herbert R. Mainzer, Harry J. Carlson, Charles A. Whittemore	171
Industrial Housing and Town Planning, Bibliography of	168
*Industrial Housing, Some Aspects of, Charles C. May	
I. Introductory and Examples of Industrial Town Planning from the Work of John Nolen	7
II. Types of Development by Companies. Groups at Lordship and Fairfield, Conn., by the Bridgeport Housing Company, R. Clipston Sturgis, Architect	39
III. The Need for Maintenance Measures. A Housing Enterprise at Kingsport, Tenn., Clinton Mackenzie, Architect	75
Industrial Housing, The Financial Aspect of, C. Stanley Taylor	135
Industrial Housing, The Need for	23
*Industrial Village Development, The Essential Principles of, John Nolen	97
*Ironwork of Jean Tijou, R. Randall Phillips	
II. His Craftsmanship of St. Paul's Cathedral, London	19
*Jefferson Rouge, The Development of the Solvay Process Co., Detroit, Mich., Mann & MacNeille, Architects	121
*Living Close to the Melting Pot. Suggestions for Meeting the Conditions Imposed by Foreign-born Laborers from Intimate Observation of Their Habits and National Characteristics, Marguerite Walker Jordan	157
Maintenance of the Industrial Village, Broader Economy in the, Horace B. Mann	143
*Midvale Steel Company Housing Development, Coatesville, Pa., W. Leslie Walker, Architect	103
*Prisons and Prison Building, Alfred Hopkins	
I. The Penology of It	49
II. Prison Plans	52
III. The Outside Cell	71
IV. Dormitories	189
V. Importance of Good Architecture	192
*Statler Idea in Hotel Planning and Equipment, The	
III. Sample Room Plans and Restaurant Service, W. Sydney Wagner	15
*Stone Houses at St. Martins Green, Philadelphia, Pa., A Group of, Harold D. Eberlein	181
Sunlight Engineering in City Planning and Housing, Herbert Swan and George W. Tuttle	197
*Tyrone, New Mexico, The Development of, Phelps-Dodge Corporation, Bertram G. Goodhue	131
*War-Time Housing—A Supreme Opportunity, Andrew Wright Crawford	91
*Yorkship Village, Housing Development for the New York Shipbuilding Co., near Camden, N.J., Electus D. Litchfield, Architect	205

Articles marked like this (*) are illustrated

Index to Plate and Page Illustrations — According to Author

Architect	Office Address	Plate	Page
Adshead & Ramsey,	London, England		139
Andrews, Rantoul & Jones,	Boston, Mass.		212, 213
Atterbury, Grosvenor,	New York City	72, 73	116, 211
Ballinger & Perrot,	Philadelphia, Pa.		160
Bigelow & Wadsworth,	Boston, Mass.	43–48	
Boschen, Walter,	St. Joseph, Mo.		223
Brockie & Hastings,	Philadelphia, Pa.	13–16	
Brown & Walcott,	Chicago, Ill.	65–67	215
Candler, Duncan,	New York City		166, 167
Cox, William H.,	Boston, Mass.		146–150
Cram, Goodhue & Ferguson,	Boston, Mass.		Opp. 26, 44 and 86
Day & Klauder,	Philadelphia, Pa.	Opp. 194 and 204	
Duhring, Okie & Ziegler,	Philadelphia, Pa.	49–52, 58	181, 182, 185
Embury, Aymar, II,	New York City	11, 12	
Esenwein & Johnson,	Buffalo, N. Y.		15
Flournoy & Flournoy,	Baltimore, Md.		128, 129
Gilchrist, Edmund B.,	Philadelphia, Pa.	53, 54	183, 186
Goodhue, Bertram G.,	New York, N. Y.		130–134
Hamilton, James,	Cleveland, Ohio	74–76	215, 217
Hiss & Weekes,	New York City		164
Hopkins, Alfred,	New York City	26–30	54–57, 73, 74, 189–193
Howard, John Galen,	San Francisco, Cal.	38–40	
Kahn, Albert,	Detroit, Mich.	1–5	
Kilham & Hopkins,	Boston, Mass.		6, 117, 119, 151–154, 162
Litchfield, Electus D.,	New York City		205–210
Lord & Hewlett,	New York City	79, 80	
Mackenzie, Clinton,	New York City		76–80, 164
Mann & MacNeille,	New York City		115–117, 121–123, 161, 163, 165
Marlowe, George F.,	Boston, Mass.		155, 156
Mauran, Russell & Crowell,	St. Louis, Mo.	17–25	17, 18, 33, 34, 36–38
McGoodwin, Robert Rodes,	Phila., Pa.	55–57, 61–64	184, 187, 188
Meade, Frank B.,	Cleveland, Ohio	74–76	215, 217
Neff & Thompson,	Richmond, Va.		215, 216
Palmer, Edward L., Jr.,	Baltimore, Md.		168
Parker, Thomas & Rice,	Boston, Mass.	68–71	217
Pope, John Russell,	New York City	6–10	
Post, George B., & Sons,	New York City	17–25	15–18, 33, 34, 36–38
Richards, McCarty & Bulford,	Columbus, O.	77	
Schenk & Mead,	New York City		119
Schwan, George H.,	Pittsburgh, Pa.		140–142, 163
Simon & Bassett,	Philadelphia, Pa.	59, 60	218
Smith, Morrell,	Far Rockaway, N. Y.	78	
Spahr, Albert H.,	Pittsburgh, Pa.		118
Sperry, Joseph Evans,	Baltimore, Md.	41, 42	
Sturgis, R. Clipston,	Boston, Mass.	31, 32	41–44
Tompkins, John A.,	New York City	72, 73	211
Walker, W. Leslie,	New York City		102–107
Warren & Wetmore,	New York City	33–37	
Welsh, George S.,	Wilkesbarre, Pa.		111–114
Wood, Waddy B.,	Washington, D. C.		45–48

Subject Index to Illustrations in Letter Press

Pages numbered 1–30 in the January issue; 31–58, February; 59–90, March; 91–170, April; 171–196, May; 197–224, June

ARCHITECTURAL DESIGN AND DECORATION

Title and Location	Page
Architectural League Exhibition, New York	67–70
Iron Work, St. Paul's Cathedral, London	19–22

RENAISSANCE AND MODERN ARCHITECTURE

Berry Hill, Halifax County, Va.	84
Independence Hall, Philadelphia, Pa.	5
Manor Farm, An Old Cotswold House, Temple Guiting, England	180
Old New York Custom House	83
Pierce-Nichols House, Salem, Mass.	84
Redwood Library, Newport, R. I.	3
Royall House, Medford, Mass.	5
St. John's Chapel, Varick Street, New York	85
St. John's Church, Washington, D. C.	85
St. Luke's Church, Smithfield, Va.	2
St. Paul's Chapel, New York	4
Sub-Treasury, New York	82
University of Virginia	83
Westover, Va.	2
Whipple House, Ipswich, Mass.	3

MODERN GOTHIC ARCHITECTURAL DETAILS

Plate I.	Great Hall Trusses, The Graduate College, Princeton University, Cram, Goodhue & Ferguson, Architects; Edgar T. P. Walker, Draftsman	Opp. 26
Plate II.	Great Hall Bay, The Graduate College, Princeton University, Cram, Goodhue & Ferguson, Architects; Edgar T. P. Walker, Draftsman	Opp. 44
Plate III.	Details of Living Room, House of W. E. Atwood, Esq., E. Gloucester, Mass., Cram & Ferguson, Architects; Edgar T. P. Walker, Draftsman	Opp. 86
Plate IV.	Detail of Bay in South Sage Dining Hall, Princeton University, Day & Klauder, Architects; Robert A. Taylor, Draftsman	Opp. 194
Plate V.	Pinnacle of Tower, Church of the Epiphany, Philadelphia, Pa., Day & Klauder, Architects; Robert A. Taylor, Draftsman	Opp. 204

PUBLIC BUILDINGS

Title, Location, and Architect	Page
ADMINISTRATIVE AND GOVERNMENTAL	
Temporary Government Offices for the Council of National Defense, Food and Fuel Administrations and Ordnance Department, Washington, D. C., Waddy B. Wood	45–48
BUSINESS AND COMMERCIAL	
Office Building, Naumkeag Steam Cotton Co., Salem, Mass., Kilham & Hopkins	6
HOTELS	
Midvale, Coatesville, Pa., W. Leslie Walker	104
Statler, Cleveland, Ohio; Buffalo, N. Y.; Detroit, Mich.; St. Louis, Mo.; Floor Plans	15–18
Statler, St. Louis, Mo., George B. Post & Sons and Mauran, Russell & Crowell	33–38

CLUB HOUSES

Title, Location and Architect	Page
Locker Bldg., Country Club, Brookline, Mass., Andrews, Rantoul & Jones	212, 213
Norfolk Country, Norfolk, Va., Neff & Thompson	215
Virginia, Richmond, Va., Neff & Thompson	216
Y. W. C. A. Bldg., St. Joseph, Mo., Walter Boschen	223

RESIDENCE BUILDINGS

COUNTRY HOUSES

Appleton, L., Haddonfield, N. J., Simon & Bassett	218

INDUSTRIAL HOUSING

APARTMENTS

Bridgeport, Conn., Schenk & Mead	119
Danielson, Conn., William H. Cox	146, 149
Fairfield, Bridgeport, Conn., R. Clipston Sturgis	44
Kennington, London, England, Adshead & Ramsey	139
Salem, Mass., Kilham & Hopkins	119
Well Hall, England	120

BOARDING HOUSES

Bethlehem Steel Co., Sparrows Pt., Md., Ed. L. Palmer, Jr.	168
Girls' Dormitory, Remington Arms, Bridgeport, Conn., Hiss & Weeks	164
Jefferson Rouge, Detroit, Mich., Mann & MacNeille	161
Kingsport Farms, Kingsport, Tenn., Clinton Mackenzie	164
Merchants Shipbuilding Corp., Bristol, Pa., Mann & MacNeille	165
Naumkeag Steam Cotton Co., Kilham & Hopkins	162
Ohio Steel Foundry, Bucyrus, Ohio, Geo. H. Schwan	163
Rome Brass & Copper Co., Rome, N. Y., Mann & MacNeille	163
Y. W. C. A., Charleston, W. Va., Duncan Candler	166

DOUBLE HOUSES

Brookline, Mass., Kilham & Hopkins	117
Danielson, Conn., William H. Cox	149
Elmwood Park, Bethlehem, Pa., George S. Welsh	113
Jefferson Rouge, Detroit, Mich., Mann & MacNeille	121
Kingsport, Tenn., Clinton Mackenzie	79
Salem, Mass., Kilham & Hopkins	153
Syracuse, N. Y., Mann & MacNeille	117
Tyrone, New Mexico, Bertram G. Goodhue	133, 134
Yorkship Village, N. J., Electus D. Litchfield	205–210

HOUSES GROUPED

Bridgeport, Conn., Schenck & Mead	119
Elmwood Park, Bethlehem, Pa., George S. Welsh	112
Gretna, Scotland	94
Jefferson Rouge, Detroit, Mich., Mann & MacNeille	122
Kingsport, Tenn., Clinton Mackenzie	78
Massena, N. Y., Albert H. Spahr	118
Oakenshawe, Baltimore, Md., Flournoy & Flournoy	129
Yorkship Village, N. J., Electus D. Litchfield	205–210

SINGLE HOUSES

Coatesville, Pa., W. Leslie Walker	105
Danielson, Conn., William H. Cox	148–150
Elmwood Park, Bethlehem, Pa., George S. Welsh	114
Fairfield, Bridgeport, Conn., R. Clipston Sturgis	43
Goodyear Heights, Akron, Ohio, George H. Schwan	140, 142
Kingsport, Tenn., Clinton Mackenzie	76, 77, 79, 80
Lowell, Mass., Kilham & Hopkins	152
Tyrone, New Mexico, Bertram G. Goodhue	131
Worcester, Mass., Grosvenor Atterbury	116

335497

INDUSTRIAL HOUSING — Continued

Title, Location and Architect	Page
TOWN PLANS	
Allwood, N. J., John Nolen	14
Danielson, Conn., William H. Cox	147
Eastriggs, England	95
Elmwood Park, Bethlehem, Pa., George S. Welsh	111
Fairfield and Lordship, Conn., R. Clipston Sturgis	42
Goodyear Heights, Akron, Ohio, George H. Schwan	140
Green Acres, Waterbury, Conn.	11
Jefferson Rouge, Detroit, Mich., Mann & MacNeille	121
Kingsport Farms, Kingsport, Tenn., John Nolen	9
Kistler Industrial Village, Mifflin County, Pa., John Nolen	8

INDUSTRIAL HOUSING — Continued

Title, Location and Architect	Page
TOWN PLANS — *Continued*	
Loveland Farms, Coitsville Township, Ohio, John Nolen	10
Midvale Steel & Ordnance Co., Coatesville, Pa., W. Leslie Walker	103
Neponset Garden Village, East Walpole, Mass., John Nolen	8
Overlook Colony, Brandywine Hundred, Newcastle County, Del., John Nolen	12
Tyrone, New Mexico, Bertram G. Goodhue	130
Well Hall, England	96
Yorkship Village, N. J., Electus D. Litchfield	206

Index to Frontispieces

Title	Month
Screen, South Choir, St. Paul's Cathedral, London	January
Entrance Loggia, Palazzo Massimi, Rome, Italy	February
Jane K. Sather Campanile, Berkeley, Cal.	March
Cottages at Gretna — A British Munitions Town	April
Approach to Terrace, House of Spencer Ervin, Esq., St. Martins, Philadelphia, Pa.	May
Perspective Views of Common, Yorkship Village, Camden, N. J.	June